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NORTHWEST LABORATORIES

of Seattle, Incorporated

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Technical Services for: Industry, Commerce, Legal Profession & Insurance Industry



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Report To: Safe Environment, Inc.

Date: January 12, 1989

Report On: Asbestos Analysis/Bulk Samples

Lab No.: E 46165

SUBMITTED:

Four (4) Bulk Samples/Asbestos Analysis

IDENTIFICATION: Ashgrove Cement, Seattle
1/7/89

- #1 - Precipitator Bldg. at top of Precipitator
- #2 - Burner Bldg. @ Bottom of Cyclones
- #3 - Burner Bldg. @ Exhaust Stack
- #4 - Burner Bldg. @ Fire Door to Combustion Chamber 1

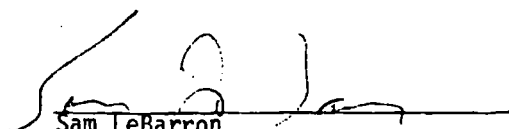
ANALYSIS BY POLARIZED LIGHT/DISPERSION STAINING MICROSCOPY:

<u>Sample No.</u>	<u>Asbestos, %</u>	<u>Other Fibrous Materials</u>	<u>Non-Fibrous Materials</u>	<u>Comments</u>
1	Amosite, 45-55 *Total Asbestos: 45-55%	-----	Mortar	Friable
2	<1% Asbestos (none detected)	Fiberglass Synthetic Fibers	Mortar	Multiple Layers
3	<1% Asbestos (none detected)	Fiberglass Synthetic Fibers	Mortar	-----
4	Chrysotile, 85-90 *Total Asbestos: 85-90%	-----	Mortar	Friable

*Note 1: This Sample Contains Asbestos. Greater than 1% Asbestos = Asbestos Containing Material.

Note 2: Common Asbestos Forms: Chrysotile - Most Common Form; Amosite - Second Most Common Form.

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Sam LeBarron

Director, Analytical Laboratory

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